

Converting Colors

Hex(330F9A)

Have a look what the booklet for
Hex(330F9A) contains.

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Color

Hex(330F9A)

Conversions

Conversions Part 1

Format	Color
Hex	330F9A
RGB	51, 15, 154
RGB Percent	20%, 6%, 60%
CMY	0.8000, 0.9412, 0.3961
CMYK	0.67, 0.90, 0.00, 0.40
HSL	256°, 82%, 33%
HSV	256°, 90%, 60%
XYZ	7.3688, 3.3785, 30.8356
YIQ	41.6100, -23.1630, 50.8610

Conversions

Conversions Part 2

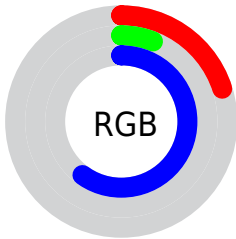
Format	Color
R_{YB}	51, 15, 154
Decimal	3346330
CIE _{Lab}	21.50, 51.56, -66.68
CIE _{LCh}	22, 84.293, 307.712
Yxy	3.3785, 0.1772, 0.0812
Android (android.graphics.Color)	4281536410 (0xFF330F9A)
YUV	41.6100, 55.4083, 8.2350
Hunter-Lab	18.3808, 39.3935, -86.5981

Details

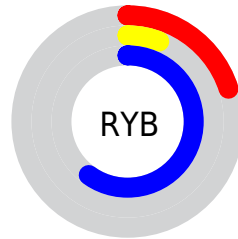
The Hex color **330F9A** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **769A0F**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **7143D2**, and **000065** is the 20% darker color. If you saturate the color by 10%, you get **28009A**, and if you desaturate by 10%, it is **3E1E9A**.

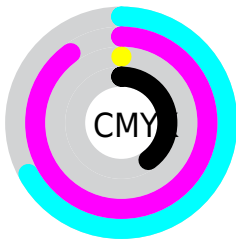
Distribution



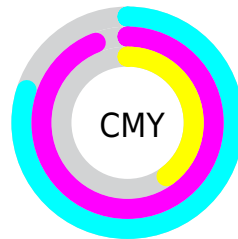
- Red (20%)
- Green (6%)
- Blue (60%)



- Red (20%)
- Yellow (6%)
- Blue (60%)



- Cyan (67%)
- Magenta (90%)
- Yellow (0%)
- Black (40%)



- Cyan (80%)
- Magenta (94%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 330F9A changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 330F9A by changing the saturation by 10% instead.

■ 330F9A

■ 330F9A

FFFFFF

■ 00007F

■ 7143D2

■ 000065

■ 8E5CEF

■ 00004C

■ AB76FF

■ 000534

■ C991FF

■ 00021E

■ E7ACFF

■ 000001

■ FFC8FF

■ 000000

■ FFE4FF

■ 330F9A

■ 330F9A

■ 28009A

■ 3E1E9A

■ 4A2E9A

■ 553D9A

■ 614D9A

■ 6C5C9A

■ 776B9A

■ 837B9A

■ 8E8A9A

■ 9A9A9A

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



003BB5



330F9A



830064

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



330F9A



641900



004743

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



330F9A



769A0F

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



004500



330F9A



323700

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



330F9A



870000



004100



004981

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



330F9A



93003C



004100



00472D

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



330F9A



A193C9



0F779A



4E4566



E6E6E6



666666

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



330F9A



3400C9



770F9A



47454D



24008C



03000D

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



9A0F76



C90095



329A0F



4D454B



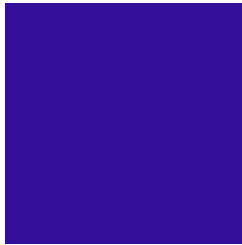
8C0068



0D0009

Previews

White Background



This preview shows how the Hex color 330F9A looks on a white background.

Color Contrast Check

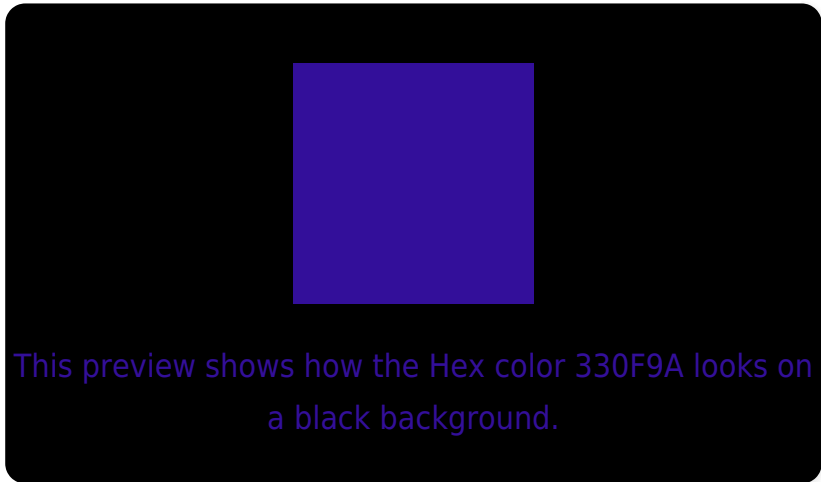
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

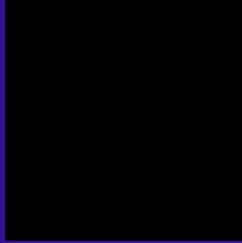
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 330F9A Background



This preview shows how black text looks on a background with the Hex color 330F9A.



This preview shows how white text looks on a background with the Hex color 330F9A.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
330F9A

Protanopia
00336B

Deuteranopia
00375B



Tritanopia
003B3F

Trichromacy



Original Color
330F9A

Protanomaly
13267C

Deuteranomaly
132872

Tritanomaly
132B60

Monochromacy



Original Color
330F9A

Achromatopsia
2A2A2A

Achromatomaly
2D2053

CSS Examples

Text

The CSS property to change the color of the text to Hex 330F9A is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #330F9A looks like.

```
.text, #text, p{  
    color:#330F9A  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #330F9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #330F9A
}
```

Border

The CSS property to change the border of an element to Hex 330F9A is called "border". The border property can be set on classes, ids or directly on the HTML element.

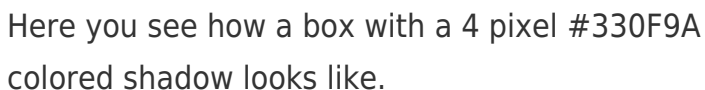
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#330F9A }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#330F9A }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #330F9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #330F9A; -webkit-box-shadow:4px 4px  
4px 4px #330F9A; box-shadow:4px 4px 4px  
4px #330F9A }
```

Background

The CSS property to change the background color of an element to Hex 330F9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#330F9A }
```

If only the background color should be changed can be used:

```
.background{ background-color:#330F9A }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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